



DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

Certified Mail No.

Activity No.: PER20060003

Agency Interest No. 43959

Martin Elshout
Plant Manager
Flakeboard America Limited
486 Duraf Flake Road
Simsboro, LA 71275

RE: Part 70 Operating Permit, Louisiana Particleboard Plant
Flakeboard America, LTD., Simsboro, Lincoln Parish, Louisiana

Dear Mr. Elshout:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the 27th of September, 2010, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence.

Done this _____ 2006.

Permit No.: 1720

Sincerely,

Chuck Carr Brown Ph.D.
Assistant Secretary
CCB:ymm
c: EPA Region VI

ENVIRONMENTAL SERVICES

: PO BOX 4313, BATON ROUGE, LA 70821-0313
P:225-219-3181 F:225-219-3182
WWW.DEQ.LOUISIANA.GOV

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Louisiana Particleboard Plant
Agency Interest No.: 43959
Flakeboard America Limited
Simsboro, Lincoln Parish, Louisiana

I. Background

Willamette Industries, Inc. operated a particleboard plant, Duraflake South, Inc., near Ruston under Permit No. 70, dated July 28, 1971. Ownership of Louisiana Particleboard Facility was transferred to Weyerhaeuser in 2002. The facility name was changed to SurePine Particleboard Division in 1977 and to Louisiana Particleboard Plant in 2002. Currently the facility operates under Permit No. 1720-00004-V3 issued September 27, 2005.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Flakeboard America Ltd. on October 9, 2006.

III. Description

The Louisiana Particleboard Plant is a particleboard manufacturing facility. Raw material, including planer shavings, plytrim, and sawdust, is trucked to the site from other wood product facilities, and then stored in piles. After screening, large material is processed as core material in the milling and drying areas for size and moisture reduction, and then blended with resin, wax, and possibly urea. The facility has the potential to produce 300 MMSF/yr (3/4 inch basis) of particleboard.

The mat is formed by setting a layer of core material in the middle of two layers of face material. It is then trimmed and pressed. Particleboard is unloaded, cooled, trimmed, sanded, cut to desired sizes, and may be coated. Finished product is warehoused before shipping.

The Louisiana Particleboard Plant is requesting to construct and operate two melamine laminate press lines, for a total annual laminating press capacity of 174.72 MMSF/yr (surface footage basis). The laminating operations will be operated independently of the particleboard manufacturing operations.

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Louisiana Particleboard Plant
Agency Interest No.: 43959
Flakeboard America Limited
Simsboro, Lincoln Parish, Louisiana

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	176.75	176.99	+0.24
SO ₂	0.31	0.32	+0.01
NO _x	138.84	140.31	+1.47
CO	134.70	135.93	+1.23
VOC *	191.10	191.67	+0.56

*VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
Formaldehyde	11.80	12.29	+0.49
Methanol	3.64	3.64	-
Phenol	2.87	2.87	-
Acetaldehyde	0.21	0.21	-
Acrolein	0.09	0.09	-
Benzene	0.05	0.05	-
Ammonia	0.30	0.30	-
Total		19.15	

Non-VOC LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs)

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
Ammonia	0.30	0.30	-

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Louisiana Particleboard Plant
Agency Interest No.: 43959
Flakeboard America Limited
Simsboro, Lincoln Parish, Louisiana

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) does not apply.

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51. The facility was previously reconstructed and is subject to 112(g) section of the Clean Air Act and LAC 33:III.551.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <Date>; and in <Newspaper>, <City>, on <Date>; and submitted to the <Library>Parish Library on <Date>. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <Date>. All comments will be considered prior to the final permit decision.

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Louisiana Particleboard Plant
Agency Interest No.: 43959
Flakeboard America Limited
Simsboro, Lincoln Parish, Louisiana**

VII. Effects on Ambient Air

Dispersion Model(s) Used: None

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})

VIII. General Condition XVII Activities

<u>Activity</u>	<u>Emissions-TPY</u>
Cleaning of Resin/Urea/Catalyst Tanks	<0.001 VOC
Changing Bags in Baghouses	<0.001 PM/PM ₁₀
Bakeout of RCOs twice a month for 5 hours each	

IX. Insignificant Activities

Description	Tank Capacity and Operating Rate	Citation
Two 250 gallon diesel tanks	250 gallons	LAC 33:III.501.B.5.A.2
Twenty 50 gallon oil drums	50 gallons	LAC 33:III.501.B.5.A.2
1,200 gallon diesel tank	1,200 gallons	LAC 33:III.501.B.5.A.3
Backup diesel generator	250 KW _e	LAC 33:III.501.D
Backup diesel generator	750 KW _e	LAC 33:III.501.D
LPG Pressurized Storage Vessel	1,200 gallons	LAC 33:III.501.D
Wax Tank	12, 500 gallons	LAC 33:III.501.D

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Louisiana Particleboard Plant
 Agency Interest No.: 43959
 Flakeboard America Limited
 Simsboro, Lincoln Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III. Chapter																	
		5 ^A	9	11	13	15	2103	2104*	2107	2111	2113	2115	2116*	22	29*	51*	53*	56	59*
	Plant Wide	1															1		1
EQT 7	023-Schelling Saw Baghouse				1														
EQT 8	025-Hammernmill Baghouse	1			1												1		
EQT 9	032- Mat Reject Baghouse				1														
EQT10	045- Sanderdust Silo Baghouse				1														
EQT11	046- Top Sander Baghouse	1			1												1		
EQT12	047-Bottom Sander Baghouse	1			1												1		
EQT13	048- Former Dedust Baghouse	1			1												1		
EQT14	050- RCO/RTO No. 1	1		1	1	1											1		
EQT15	051- Thermal Oil Heating Unit			1	1	1													
EQT16	052-Production Booksaw Baghouse				1														
EQT17	053- Resin Storage Tank	1						3									1		
EQT18	054- Resin Storage Tank	1						3									1		
EQT19	055- Resin Storage Tank	1						3									1		
EQT20	056- Resin Storage Tank	1						3									1		
EQT21	059- Scavenger Storage Tank							3									1		
EQT22	060- Catalyst Storage Tank																1		

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Louisiana Particleboard Plant
 Agency Interest No.: 43959
 Flakeboard America Limited
 Simsboro, Lincoln Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5 [▲]	9	11	13	15	2103	2104*	2107	2111	2113	2115	2116*	22	29*	51*	53*	56	59*
FUG01	061-M&D Area Fugitives Emissions	1														1			
FUG02	062-Former/Blending Area	1														1			
EQT23	063- RCO/RTO No. 2	1	1	1	1	1										1			
EQT24	064- Board Trim Baghouse			1	1														
EQT25	065- Face Accepts Baghouse			1	1														
EQT26	066- Face Overs Baghouse			1	1														
EQT27	067- Trim Saws Baghouse			1	1														
EQT28	068- Face Dry Bin Baghouse			1	1														
EQT29	069- Package Boiler			1	1	1													
FUG 3	070- Misc. Particulate Fugitive Emissions				1														
EQT31	071- Thermal Oil Heating Unit for Small Laminates Press			1	1	1													
EQT32	072- Thermal Oil Heating Unit for Large Laminates Press			1	1	1													
GRP4	TOH CAP- Laminates Press Lines Thermal Oil Heating Units Emissions CAP			1	1	1													
EQT33	073- Small Melamine Laminates Press											1				1			
EQT34	074- Large Melamine Laminates Press											1				1			

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Louisiana Particleboard Plant
Agency Interest No.: 43959
Flakeboard America Limited
Simsboro, Lincoln Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																		
		5 [▲]	9	11	13	15	2103	2104*	2107	2111	2113	2115	2116*	22	29*	51*	53*	56	59*	
GRP5	PRESS CAP- Melamine Laminate Press Lines Emissions CAP											1					1			
EQT35	075- Paperclippings Baghouse					1														

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank - The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Louisiana Particleboard Plant
 Agency Interest No.: 43959
 Flakeboard America Limited
 Simsboro, Lincoln Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS				40 CFR 61			40 CFR 63 NESHAP				40 CFR				
		A	Ka	Kb	Db	Dc	A	M	A	B	DDDD	DDDDD	QQQQ	52	64	68	
	Plant Wide	1					1	1	1			1					
EQT 7	023-Schelling Saw Baghouse																3
EQT 8	025-Hammermill Baghouse											1					3
EQT 9	032- Mat Reject Baghouse																3
EQT10	045- Sanderdust Silo Baghouse																3
EQT11	046- Top Sander Baghouse											1					3
EQT12	047-Bottom Sander Baghouse											1					3
EQT13	048- Former Dedust Baghouse											1					3
EQT14	050- RCO/RTO No. 1											1					1
EQT15	051- Thermal Oil Heating Unit	1							1								
EQT16	052-Production Booksaw Baghouse																
EQT17	053- Resin Storage Tank														1		
EQT18	054- Resin Storage Tank														1		
EQT19	055- Resin Storage Tank														1		
EQT20	056- Resin Storage Tank														1		

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**Louisiana Particleboard Plant
 Agency Interest No.: 43959
 Flakeboard America Limited
 Simsboro, Lincoln Parish, Louisiana**

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS				40 CFR 61			40 CFR 63 NESHAP				40 CFR				
		A	Ka	Kb	Db	Dc	A	M	A	B	DDDD	DDDDD	QQQQ	52	64	68	
EQT21	059- Scavenger Storage Tank																
EQT22	060- Catalyst Storage Tank			3													
FUG01	061-M&D Area Fugitives Emissions								1								
FUG02	062-Former/Blending Area								1								
EQT23	063- RCO/RTO No. 2								1							1	
EQT24	064- Board Trim Baghouse															3	
EQT25	065- Face Accepts Baghouse															3	
EQT26	066- Face Overs Baghouse															3	
EQT27	067- Trim Saws Baghouse															3	
EQT28	068- Face Dry Bin Baghouse	1							1							3	
EQT29	069- Package Boiler																
FUG 3	070- Misc. Particulate Fugitive Emissions																

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Louisiana Particleboard Plant
 Agency Interest No.: 43959
 Flakeboard America Limited
 Simsboro, Lincoln Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS				40 CFR 61			40 CFR 63 NESHAP				40 CFR				
		A	Ka	Kb	Db	Dc	A	M	A	B	DDDD	DDDDD	QQQQ	52	64	68	
EQT31	071- Thermal Oil Heating Unit for Small Laminate Press																
EQT32	072- Thermal Oil Heating Unit for Large Laminate Press																
GRP4	TOH CAP- Laminate Press Lines Thermal Oil Heating Units Emissions																
EQT33	073- Small Melamine Laminate Press																
EQT34	074- Large Melamine Laminate Press																
GRP5	PRESS CAP- Melamine Laminate Press Lines Emissions CAP																
EQT35	075- Paperclippings Baghouse																

KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**Louisiana Particleboard Plant
Agency Interest No.: 43959
Flakeboard America Limited
Simsboro, Lincoln Parish, Louisiana**

but may have monitoring, recordkeeping, or reporting requirements.

- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank -- The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Louisiana Particleboard Plant
 Agency Interest No.: 43959
 Flakeboard America Limited
 Simsboro, Lincoln Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
023, 032, 045, 052, 064, 065, 066, 067, 068, 075	Compliance Assurance Monitoring (CAM) 40 CFR 64	Does Not Apply. Baghouses are considered inherent process equipment, not control devices under the CAM rule definition.
025, 046, 047, 048	Compliance Assurance Monitoring (CAM) 40 CFR 64	Does Not Apply. Baghouses are considered inherent process equipment, not control devices under the CAM rule definition.
053, 054, 055, 056 Resin Tanks, Catalyst Tanks	Storage of VOC, LAC 33:III.2103	Does Not Apply- Vapor Pressure <1.5psia
059 Scavenger Storage Tank	Comprehensive TAP emission Control Program, LAC 33:III.5109-State Only	MACT is not required for Ammonia (Class III TAP)
060 Catalyst Storage Tank	Storage of VOC, LAC 33:III.2103 NSPS Subpart Kb, 40 CFR 60.110b	Does Not Apply- Vapor Pressure <1.5 psia and Tank Volume < 10,566 gallons
	Comprehensive TAP Emission Control Program, LAC 33:III.5109-State Only	MACT is not required for ammonia (Class III TAP)

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Louisiana Particleboard Plant
 Agency Interest No.: 43959
 Flakeboard America Limited
 Simsboro, Lincoln Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
Regenerative Catalytic/Thermal Oxidizers No. 1 and No. 2 Administrative CAP (Sources 050 and 063)	Emissions Standards for Sulfur Dioxide, LAC 33:III.1503.C	Exempt. Emissions < 250 TPY
071, 072 Thermal Oil Heating Units for Melamine Laminated Press Lines	Emissions Standards for Sulfur Dioxide, LAC 33:III.1503.C	Exempt. Emissions < 250 TPY
073, 074 Melamine Laminated Press Lines	Control of Organic Compounds- Waste Gas Disposal, LAC 33:III.2115	Exempt- Vent gas stream with a concentrations of VOC less than 0.44 psia true partial pressure (30,000 ppm) as per LAC 33:III.2115.H.d

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
 - 1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];

40 CFR PART 70 GENERAL CONDITIONS

2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and
4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]

I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]

J. Records of required monitoring shall include the following:

1. the date, place as defined in the permit, and time of sampling or measurements;
2. the date(s) analyses were performed;
3. the company or entity that performed the analyses;
4. the analytical techniques or methods used;
5. the results of such analyses; and
6. the operating conditions as existing at the time of sampling or measurement.

[Reference 40 CFR 70.6(a)(3)(ii)(A)]

K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]

L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]

M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of

40 CFR PART 70 GENERAL CONDITIONS

attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]

- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;

40 CFR PART 70 GENERAL CONDITIONS

- 5. changes in emissions would not qualify as a significant modification; and
- 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]

R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Surveillance Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).

- 1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
- 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
- 3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
 - a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December

4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]

S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

40 CFR PART 70 GENERAL CONDITIONS

- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]

- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.

- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.

- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated October 9, 2006.

- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.

The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.

- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.

- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.

- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Surveillance Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.

- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.

- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Surveillance Division with a written report as specified below.
 - A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.

 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

 - C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
 - 1. Report by June 30 to cover January through March
 - 2. Report by September 30 to cover April through June
 - 3. Report by December 31 to cover July through September
 - 4. Report by March 31 to cover October through December

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- D. Each report submitted in accordance with this condition shall contain the following information:
 - 1. Description of noncomplying emission(s);
 - 2. Cause of noncompliance;
 - 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 - 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 - 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.

- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.

XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:

- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
- B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
- C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
- D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.

XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.

XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.

XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:

1. Generally be less than 5 TPY
2. Be less than the minimum emission rate (MER)
3. Be scheduled daily, weekly, monthly, etc., or
4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 43959 Flakeboard America Limited - Louisiana Particleboard Plant
Activity Number: PER20060003
Permit Number: 1720-00004-V4
Air - Title V Regular Permit Minor Mod

Also Known As:	ID	Name	User Group	Start Date
	LAO4973	ADVF #	Asbestos	01-21-2003
	1720-00004	Weyerhaeuser Co - LA Particleboard Plant	CDS Number	08-17-1999
	1720-0004	Weyerhaeuser Co - LA Particleboard Plant	Emission Inventory	03-03-2004
	93-0312940	Federal Tax ID	Federal Tax ID	11-21-1999
	LAD082706649	Weyerhaeuser LA Particle Board	Hazardous Waste Notification	06-30-2002
	LAG480355	LPDES Permit #	LPDES Permit #	08-08-2004
	WPI1930	WPC State Permit Number	LWDPS Permit #	06-25-2003
	LA-2662-L01	Flakeboard America Limited - Louisiana Particleboard Plant	Multimedia	07-28-2006
	2662	Radioactive Material License	Radiation License Number	06-29-2000
	GD-061-1876	X-Ray Registration Number	Radiation X-ray Registration Number	08-29-2002
	17890	Willamette Industries Inc	Solid Waste	01-08-2002
	3197	Willamette Industries Inc - Surepine Division	TEMPO Merge	08-20-2001
	38825	Willamette Industrial Inc - Sure Pine Division	TEMPO Merge	08-20-2001
	94643	Willamette Industries Inc - Sure Pine Division	TEMPO Merge	10-23-2001
	1720-0004	Willamette Sure Pine - Willamette Industries	TEMPO Merge	01-20-2002
	71275WLLMTLINCO	Toxic Emissions Data Inventory #	Toxic Emissions Data Inventory #	01-01-1991
		TRI #	Toxic Release Inventory	07-09-2004

Physical Location:
 486 Duraflake Rd
 Simsboro, LA 71275

Mailing Address:
 486 Duraflake Rd
 Simsboro, LA 71275

Location of Front Gate: 32° 32' 13" 29 hundredths latitude, 92° 45' 26" 7 hundredths longitude, Coordinate Method: Interpolation - Map, Coordinate Datum: NAD27

Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Martin Elshout	486 Duraflake Rd Simsboro, LA 71275	3182472215 (WP)	Responsible Official for
	Martin Elshout	486 Duraflake Rd Simsboro, LA 71275	3182472215 (WP)	Water Billing Party for
	Martin Elshout	486 Duraflake Rd Simsboro, LA 71275	3182472215 (WP)	Air Billing Contact for
	Chris Killgore	124 Killgore Rd Ruston, LA 71270	3182555033 (WP)	Radiation Safety Officer for
	Chris Killgore	124 Killgore Rd Ruston, LA 71270	3182551189 (WF)	Radiation Safety Officer for
	Chris Killgore	124 Killgore Rd Ruston, LA 71270	killgore@cox-interne	Radiation Safety Officer for
	Chris Killgore	124 Killgore Rd Ruston, LA 71270	3182456803 (CP)	Radiation Safety Officer for
	Larry Yeagle	486 Duraflake Rd Simsboro, LA 71275	3182472215 (WP)	Air Permit Contact For
	Larry Yeagle	486 Duraflake Rd Simsboro, LA 71275	3182472195 (WF)	Air Permit Contact For
	Larry Yeagle	486 Duraflake Rd Simsboro, LA 71275	3182436638 (CP)	Air Permit Contact For

General Information

AI ID: 43959 Flakeboard America Limited - Louisiana Particleboard Plant
Activity Number: PER20060003
Permit Number: 1720-00004-V4
Air - Title V Regular Permit Minor Mod

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Larry Yeagle	486 Duraflake Rd Simsboro, LA 71275	larry.yeagle@weyerit	Air Permit Contact For
Larry Yeagle	486 Duraflake Rd Simsboro, LA 71275	3182472215 (WP)	Asbestos Contact for
Larry Yeagle	486 Duraflake Rd Simsboro, LA 71275	3182472195 (WF)	Asbestos Contact for
Larry Yeagle	486 Duraflake Rd Simsboro, LA 71275	3182436638 (CP)	Asbestos Contact for
Larry Yeagle	486 Duraflake Rd Simsboro, LA 71275	larry.yeagle@weyerit	Asbestos Contact for
Larry Yeagle	486 Duraflake Rd Simsboro, LA 71275	3182472215 (WP)	Haz. Waste Billing Party for
Larry Yeagle	486 Duraflake Rd Simsboro, LA 71275	3182472195 (WF)	Haz. Waste Billing Party for
Larry Yeagle	486 Duraflake Rd Simsboro, LA 71275	3182436638 (CP)	Haz. Waste Billing Party for
Larry Yeagle	486 Duraflake Rd Simsboro, LA 71275	larry.yeagle@weyerit	Haz. Waste Billing Party for
Larry Yeagle	486 Duraflake Rd Simsboro, LA 71275	larry.yeagle@weyerit	Radiation License Billing Party for
Larry Yeagle	486 Duraflake Rd Simsboro, LA 71275	3182436638 (CP)	Radiation License Billing Party for
Larry Yeagle	486 Duraflake Rd Simsboro, LA 71275	3182472195 (WF)	Radiation License Billing Party for
Larry Yeagle	486 Duraflake Rd Simsboro, LA 71275	3182472215 (WP)	Radiation License Billing Party for
Larry Yeagle	486 Duraflake Rd Simsboro, LA 71275	3182472215 (WP)	Radiation Registration Billing Party for
Larry Yeagle	486 Duraflake Rd Simsboro, LA 71275	3182472195 (WF)	Radiation Registration Billing Party for
Larry Yeagle	486 Duraflake Rd Simsboro, LA 71275	3182436638 (CP)	Radiation Registration Billing Party for
Larry Yeagle	486 Duraflake Rd Simsboro, LA 71275	larry.yeagle@weyerit	Radiation Registration Billing Party for

Related Organizations:

Name	Address	Phone (Type)	Relationship
Flakeboard America Limited	486 Duraflake Rd Simsboro, LA 71275	3182476923 (WF)	Owns
Flakeboard America Limited	486 Duraflake Rd Simsboro, LA 71275	3182472180 (WP)	Owns
Flakeboard America Limited	486 Duraflake Rd Simsboro, LA 71275	meishout@flakeboai	Owns
Flakeboard America Limited	486 Duraflake Rd Simsboro, LA 71275	3182476923 (WF)	Air Billing Party for
Flakeboard America Limited	486 Duraflake Rd Simsboro, LA 71275	3182472180 (WP)	Air Billing Party for
Flakeboard America Limited	486 Duraflake Rd Simsboro, LA 71275	meishout@flakeboai	Air Billing Party for
Flakeboard America Limited	486 Duraflake Rd Simsboro, LA 71275	3182476923 (WF)	Operates
Flakeboard America Limited	486 Duraflake Rd Simsboro, LA 71275	3182472180 (WP)	Operates
Flakeboard America Limited	486 Duraflake Rd Simsboro, LA 71275	meishout@flakeboai	Operates

SIC Codes:

2492, Particleboard-Mfrs
 2493, Reconstituted wood products

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES
AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant
Activity Number: PER20060003
Permit Number: 1720-00004-V4
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQT007	023 - Schelling Saw Baghouse		22585 SCFM	22585 SCFM		8400 hr/yr (All Year)
EQT008	025 - Hammernill Baghouse		23242 SCFM	23242 SCFM		8400 hr/yr (All Year)
EQT009	032 - Mat Reject Baghouse		15379 SCFM	15379 SCFM		8400 hr/yr (All Year)
EQT010	045 - Sanderdust Silo Baghouse		9700 SCFM	9700 SCFM		8400 hr/yr (All Year)
EQT011	046 - Top Sander Baghouse		72500 SCFM	72500 SCFM		8400 hr/yr (All Year)
EQT012	047 - Bottom Sander Baghouse		72500 SCFM	72500 SCFM		8400 hr/yr (All Year)
EQT013	048 - Former Dedust Baghouse		59270 SCFM	59270 SCFM		8400 hr/yr (All Year)
EQT014	050 - Regenerative Catalytic/Thermal Oxidizer No. 1		16 MM BTU/hr	13 MM BTU/hr		8760 hr/yr (All Year)
EQT015	051 - Thermal Oil Heating Unit		30 MM BTU/hr	22 MM BTU/hr		8400 hr/yr (All Year)
EQT016	052 - Production Booksaw Baghouse		23480 SCFM	23480 SCFM		8400 hr/yr (All Year)
EQT017	053 - Resin Storage Tank	15000 gallons				8760 hr/yr (All Year)
EQT018	054 - Resin Storage Tank	15000 gallons				8760 hr/yr (All Year)
EQT019	055 - Resin Storage Tank	15000 gallons				8760 hr/yr (All Year)
EQT020	056 - Resin Storage Tank	15000 gallons				8760 hr/yr (All Year)
EQT021	059 - Scavenger Storage Tank	12500 gallons				8760 hr/yr (All Year)
EQT022	060 - Catalyst Storage Tank	7500 gallons				8760 hr/yr (All Year)
EQT023	063 - Regenerative Catalytic/Thermal Oxidizer No. 2		16 MM BTU/hr	13 MM BTU/hr		8760 hr/yr (All Year)
EQT024	064 - Board Trim Baghouse					8400 hr/yr (All Year)
EQT025	065 - Face Accepts Baghouse					8400 hr/yr (All Year)
EQT026	066 - Face Overs Baghouse					8400 hr/yr (All Year)
EQT027	067 - Trim Saws (Press Outfeed) Baghouse					8400 hr/yr (All Year)
EQT028	068 - Face Dry Bin Baghouse					8400 hr/yr (All Year)
EQT029	069 - Package Boiler		13 MM BTU/hr	10.5 MM BTU/hr		8400 hr/yr (All Year)
EQT031	071 - Thermal Oil Heating Unit for Small Laminate Press		1.59 MM BTU/hr	1.59 MM BTU/hr	Natural Gas	8760 hr/yr (All Year)
EQT032	072 - Thermal Oil Heating Unit for Large Laminate Press		1.83 MM BTU/hr	1.83 MM BTU/hr	Natural Gas	8760 hr/yr (All Year)
EQT033	073 - Small Melamine Laminate Press		7.2 Not applicable	7.2 Not applicable	SF/hr (Surface footage basis)	8760 hr/yr (All Year)
EQT034	074 - Large Melamine Laminate Press		30 Not applicable	30 Not applicable	SF/hr (surface footage basis)	8760 hr/yr (All Year)
EQT035	075 - Paper-Clippings Baghouse		30 lb/hr	30 lb/hr	Material Throughput	8760 hr/yr (All Year)
FUG001	061 - M&D Area Fugitive Emissions					8400 hr/yr (All Year)
FUG002	062 - Former/Blending Area Fugitive Emissions					8760 hr/yr (All Year)
FUG003	070 - Miscellaneous Particulate Fugitive Emissions					8760 hr/yr (All Year)

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP002	Regenerative Catalytic/Thermal Oxidizer CAP	EQT14 050 - Regenerative Catalytic/Thermal Oxidizer No. 1
GRP002	Regenerative Catalytic/Thermal Oxidizer CAP	EQT23 063 - Regenerative Catalytic/Thermal Oxidizer No. 2

INVENTORIES

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant

Activity Number: PER20060003

Permit Number: 1720-00004-V4

Air - Title V Regular Permit Minor Mod

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP003	Permitted Total	EQT7 023 - Schelling Saw Baghouse
GRP003	Permitted Total	EQT8 025 - Hammermill Baghouse
GRP003	Permitted Total	EQT9 032 - Mat Reject Baghouse
GRP003	Permitted Total	EQT10 045 - Sanderdust Silo Baghouse
GRP003	Permitted Total	EQT11 046 - Top Sander Baghouse
GRP003	Permitted Total	EQT12 047 - Bottom Sander Baghouse
GRP003	Permitted Total	EQT13 048 - Former Dedust Baghouse
GRP003	Permitted Total	EQT14 050 - Regenerative Catalytic/Thermal Oxidizer No. 1
GRP003	Permitted Total	EQT15 051 - Thermal Oil Heating Unit
GRP003	Permitted Total	EQT16 052 - Production Booksaw Baghouse
GRP003	Permitted Total	EQT17 053 - Resin Storage Tank
GRP003	Permitted Total	EQT18 054 - Resin Storage Tank
GRP003	Permitted Total	EQT19 055 - Resin Storage Tank
GRP003	Permitted Total	EQT20 056 - Resin Storage Tank
GRP003	Permitted Total	EQT21 059 - Scavenger Storage Tank
GRP003	Permitted Total	EQT22 060 - Catalyst Storage Tank
GRP003	Permitted Total	EQT23 063 - Regenerative Catalytic/Thermal Oxidizer No. 2
GRP003	Permitted Total	EQT24 064 - Board Trim Baghouse
GRP003	Permitted Total	EQT25 065 - Face Accepts Baghouse
GRP003	Permitted Total	EQT26 066 - Face Overs Baghouse
GRP003	Permitted Total	EQT27 067 - Trim Saws (Press Outfeed) Baghouse
GRP003	Permitted Total	EQT28 068 - Face Dry Bin Baghouse
GRP003	Permitted Total	EQT29 069 - Package Boiler
GRP003	Permitted Total	EQT31 071- Thermal Oil Heating Unit for Small Laminate Press
GRP003	Permitted Total	EQT32 072- Thermal Oil Heating Unit for Large Laminate Press
GRP003	Permitted Total	EQT33 073- Small Melamine Laminate Press
GRP003	Permitted Total	EQT34 074- Large Melamine Laminate Press
GRP003	Permitted Total	EQT35 075- Paper-Clippings Baghouse
GRP003	Permitted Total	FUG1 061- M&D Area Fugitive Emissions
GRP003	Permitted Total	FUG2 062 - Former/Blending Area Fugitive Emissions
GRP003	Permitted Total	FUG3 070 - Miscellaneous Particulate Fugitive Emissions
GRP003	Permitted Total	GRP2 Regenerative Catalytic/Thermal Oxidizer CAP
GRP003	Permitted Total	GRP4 Thermal Oil Heating CAP
GRP003	Permitted Total	GRP5 Press CAP
GRP004	Thermal Oil Heating CAP	EQT31 071- Thermal Oil Heating Unit for Small Laminate Press
GRP004	Thermal Oil Heating CAP	EQT32 072- Thermal Oil Heating Unit for Large Laminate Press
GRP005	Press CAP	EQT33 073- Small Melamine Laminate Press

INVENTORIES

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant

Activity Number: PER20060003

Permit Number: 1720-00004-V4

Air - Title V Regular Permit Minor Mod

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP005	Press CAP	EQT34 074- Large Melamine Laminate Press

Relationships:

Stack Information:

ID	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
EQT007	30	22585		12.5	10	70
EQT008	66	23242	5.9		35	70
EQT009	19	15379		13.33	16	70
EQT010	30.6	9700		5.29	8	70
EQT011	31.3	72500		38.63	60	
EQT012	31.3	72500		38.63	60	
EQT013	25.6	59270		38.63	60	
EQT014	590.61	106310	3		50	325
EQT015	129.3	25600	3.3		69.29	
EQT016	22.5	23480		17.36	16	
EQT023	590.61	106310		3	50	325
EQT024	42.6	13520		5.29	8	
EQT025	10	4524		7.56	31	
EQT026	10	4524		7.56	31	
EQT027	25.2	18520		12.25	52	
EQT028	30.6	9700		5.29	8	
EQT029	16	8124	1.7		60	
EQT031	34.8	782	.67		15	585
EQT032	20.1	947	1		20	609
EQT033	35.4	15000	3		50	
EQT034	47.2	20000	3		46	
EQT035	129	31000		4	30	

Fee Information:

Subj Item Id	Multiplier	Units Of Measure	Fee Desc
AI43959			1D14 - Level or density gauges
GRP003	1		0290 - Particleboard/Waferboard Manufacture (O.S.B.)

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant
 Activity Number: PER20060003
 Permit Number: 1720-00004-V4
 Air - Title V Regular Permit Minor Mod

All phases

Subject Item	PM ₁₀			SO ₂			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 007 023	3.48	6.97	14.64												
EQT 008 025	1.79	3.59	7.53										7.29	16.68	30.63
EQT 009 032	2.37	4.75	9.97												
EQT 010 045	0.83	1.66	3.49												
EQT 011 046	6.21	12.43	26.10												
EQT 012 047	6.21	12.43	26.10												
EQT 013 048	4.57	9.14	19.20												
EQT 015 051	0.17	0.23	0.69	0.02	0.01	0.06	2.16	2.94	9.06	1.81	2.47	7.61	0.12	0.16	0.50
EQT 016 052	1.84	3.62	7.61												
EQT 017 053													0.14	0.14	0.60
EQT 018 054													0.14	0.14	0.60
EQT 019 055													0.14	0.14	0.60
EQT 020 056													0.14	0.14	0.60
EQT 024 064	1.04	2.09	4.38												
EQT 025 065	0.35	0.70	1.47												
EQT 026 066	0.35	0.70	1.47												
EQT 027 087	1.43	2.86	6.00												
EQT 028 088	0.75	1.50	3.14												

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant

Activity Number: PER20060003

Permit Number: 1720-00004-V4

Air - Title V Regular Permit Minor Mod

All phases

Subject Item	PM ₁₀			SO ₂			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 029 069	0.08	0.10	0.33	0.01	0.01	0.03	0.51	0.64	2.16	0.87	1.07	3.63	0.06	0.07	0.24
EQT 031 071		0.02			0.002			0.31			0.03			0.02	
EQT 032 072		0.03			0.002			0.36			0.30			0.02	
EQT 033 073														0.04	
EQT 034 074														0.17	
EQT 035 075	0.03	0.06	0.13												
FUG 001 081													1.04	1.38	4.37
FUG 002 082													6.76	7.88	28.38
FUG 003 070	1.99	3.60	8.42												
GRP 002 RCO/RTO CAP	8.27	9.33	36.21	0.05	0.09	0.22	29.14	43.61	127.62	28.19	39.36	123.46	19.78	29.43	86.63
GRP 004 TOH CAP	0.03		0.11	0.002		0.01	0.34		1.47	0.28		1.23	0.02		0.08
GRP 005 Press CAP													0.11		0.49

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Phase Totals:

PM10: 176.99 tons/yr

SO2: 0.32 tons/yr

NOx: 140.31 tons/yr

CO: 135.93 tons/yr

VOC: 191.67 tons/yr

Emission rates Notes:

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant
 Activity Number: PER20060003
 Permit Number: 1720-00004-V4
 Air - Title V Regular Permit Minor Mod

All phases

Subject Item	Acetaldehyde			Acrolein			Ammonia			Benzene			Formaldehyde		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 008 025															
EQT 011 046															
EQT 012 047															
EQT 013 048												0.05	0.06	0.21	
EQT 015 051															
EQT 017 053												0.14	0.14	0.60	
EQT 018 054												0.14	0.14	0.60	
EQT 019 055												0.14	0.14	0.60	
EQT 020 056												0.14	0.14	0.60	
EQT 021 059							0.04	0.04	0.18						
EQT 022 060							0.03	0.03	0.12						
EQT 029 069															
EQT 031 071															
EQT 032 072															
EQT 033 073														0.04	
EQT 034 074														0.17	
FUG 001 061												0.06	0.08	0.26	
FUG 002 062												0.40	0.46	1.67	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant
 Activity Number: PER20060003
 Permit Number: 1720-00004-V4
 Air - Title V Regular Permit Minor Mod

All phases

Subject Item	Lead compounds			Methano			Phenol		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 008 025				0.11	0.26	0.47	0.07	0.16	0.29
EQT 011 046				0.23	0.82	0.97	0.27	0.95	1.12
EQT 012 047				0.23	0.82	0.97	0.27	0.95	1.12
EQT 013 048									
EQT 015 051	0.001	0.001	0.001						
EQT 017 053									
EQT 018 054									
EQT 019 055									
EQT 020 056									
EQT 021 059									
EQT 022 060									
EQT 029 069	0.001	0.001	0.001						
EQT 031 071		<	0.001						
EQT 032 072		<	0.001						
EQT 033 073									
EQT 034 074									
FUG 001 061									
FUG 002 062									

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant
 Activity Number: PER20060003
 Permit Number: 1720-00004-V4
 Air - Title V Regular Permit Minor Mod

All phases

Subject Item	Acetaldehyde			Acrolein			Ammonia			Benzene			Formaldehyde		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
GRP 002 RCO/RTO CAP	0.05	0.08	0.21	0.02	0.03	0.09				0.01	0.02	0.05	1.66	2.48	7.26
GRP 004 TOH CAP															
GRP 005 Press CAP													0.11		0.49

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant

Activity Number: PER20060003

Permit Number: 1720-00004-V4

Air - Title V Regular Permit Minor Mod

All phases

Subject Item	Lead compounds			Methanol			Phenol		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
GRP 002 RCOIRTO CAP				0.28	0.61	1.23	0.08	0.12	0.34
GRP 004 TOH CAP	< 0.001		< 0.001						
GRP 005 Press CAP									

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Parameter Totals:

- Acetaldehyde:0.21 tons/yr
- Acrolein:0.09 tons/yr
- Ammonia:0.30 tons/yr
- Benzene:0.05 tons/yr
- Formaldehyde:12.29 tons/yr
- Lead compounds:0.002 tons/yr
- Methanol:3.64 tons/yr
- Phenol:2.87 tons/yr

Emission Rates Notes:

SPECIFIC REQUIREMENTS

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant

Activity Number: PER20060003

Permit Number: 1720-00004-V4

Air - Title V Regular Permit Minor Mod

EQT007 023 - Schelling Saw Baghouse

1 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

2 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

3 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

4 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

5 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

6 Particulate matter (10 microns or less) \geq 99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

EQT008 025 - Hammermill Baghouse

7 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

8 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

9 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

10 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

11 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

12 Particulate matter (10 microns or less) \geq 99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

13 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Shall use melamine resins or a combination of melamine resins and/or formaldehyde scavenger urea, or a combination of ultra low mole ratio resins during the blending and pressing operations. [LAC 33:III.5109, LAC 33:III.551, 40 CFR 63.43]

SPECIFIC REQUIREMENTS**AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant****Activity Number: PER20060003****Permit Number: 1720-00004-V4****Air - Title V Regular Permit Minor Mod****EQT008 025 - Hammermill Baghouse**

14 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retain records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

EQT009 032 - Mat Reject Baghouse

15 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

16 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

17 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

18 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

19 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

20 Particulate matter (10 microns or less) \geq 99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

EQT010 045 - Sanderdust Silo Baghouse

21 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

22 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

23 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

24 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

25 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant

Activity Number: PER20060003

Permit Number: 1720-00004-V4

Air - Title V Regular Permit Minor Mod

EQT010 045 - Sanderdust Silo Baghouse

26 Particulate matter (10 microns or less) \geq 99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT011 046 - Top Sander Baghouse

27 Opacity \leq 20 percent, except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

28 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

29 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

30 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

31 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

32 Particulate matter (10 microns or less) \geq 99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

33 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Shall use melamine resins or a combination of melamine resins and/or formaldehyde scavenger urea, or a combination of ultra low mole ratio resins during the blending and pressing operations. [LAC 33:III.5109, LAC 33:III.551, 40 CFR 63.43]

34 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

EQT012 047 - Bottom Sander Baghouse

35 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

36 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

37 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant

Activity Number: PER20060003

Permit Number: 1720-00004-V4

Air - Title V Regular Permit Minor Mod

EQ1012 047 - Bottom Sander Baghouse

38 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

39 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

40 Particulate matter (10 microns or less) \geq 99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

41 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Shall use melamine resins or a combination of melamine resins and/or formaldehyde scavenger urea, or a combination of ultra low mole ratio resins during the blending and pressing operations. [LAC 33:III.5109, 40 CFR 63.43, LAC 33:III.551]

42 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

EQ1013 048 - Former Dedust Baghouse

43 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

44 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

45 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

46 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

47 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

48 Particulate matter (10 microns or less) \geq 99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

49 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Shall use melamine resins or a combination of melamine resins and/or formaldehyde scavenger urea, or a combination of ultra low mole ratio resins during the blending and pressing operations. [LAC 33:III.5109, LAC 33:III.551, 40 CFR 63.43]

50 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

EQ1014 050 - Regenerative Catalytic/Thermal Oxidizer No. 1

SPECIFIC REQUIREMENTS**AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant****Activity Number: PER20060003****Permit Number: 1720-00004-V4****Air - Title V Regular Permit Minor Mod****EQJ014 050 - Regenerative Catalytic/Thermal Oxidizer No. 1**

- 51 Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
 Which Months: All Year Statistical Basis: None specified
- 52 Total suspended particulate \leq 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]
 Which Months: All Year Statistical Basis: None specified
- 53 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 54 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. The thermal oxidizers are determined as MACT for TAP emissions from the dryers, steam vessel, press, and the board cooler. [LAC 33:III.5109, 40 CFR 63.43, LAC 33:III.551]
- 55 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]
- 56 Temperature monitored by parametric monitoring system at the approved frequency. [40 CFR 64.6(c)(1)]
 Which Months: All Year Statistical Basis: None specified
- 57 Pressure drop monitored by parametric monitoring system hourly and averaged every 24-hour period. [40 CFR 64.6(c)(1)]
 Which Months: All Year Statistical Basis: None specified
- 58 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
- 59 An excursion or exceedance is defined as a 3-hour block average combustion temperature less than 804 degrees Fahrenheit. Every 15 minutes the temperature is recorded. The 15-minute recordings are averaged every 3 hours. Each 3-hour block average is compared to the compliance parameter threshold. The 3-hour block average must contain at least 75% of the required recording readings that are based on valid data. [40 CFR 64.6(c)(2)]
- 60 Pressure drop recordkeeping by continuous parameter monitoring system (CPMS) hourly. [40 CFR 64.6(c)(4)]
- 61 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
- 62 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
- 63 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]
- 64 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

SPECIFIC REQUIREMENTS

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant

Activity Number: PER20060003

Permit Number: 1720-00004-V4

Air - Title V Regular Permit Minor Mod

EQT014 050 - Regenerative Catalytic/Thermal Oxidizer No. 1

- 65 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the permit limits which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- 66 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
- 67 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
- 68 Temperature recordkeeping by electronic or hard copy at the approved frequency. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 69 Temperature recordkeeping by electronic or hard copy at the approved frequency. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 70 Pressure drop recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 71 Pressure drop recordkeeping by electronic or hard copy hourly and averaged every 24-hour period. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

EQT015 051 - Thermal Oil Heating Unit

- 72 Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
- 73 Total suspended particulate \leq 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
- 74 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 75 Opacity \leq 20 percent except for one 6-minute period per hour of not more than 27% opacity. Comply with this limitation at all times, excluding periods of startup, shutdown, and malfunction. Subpart Dc. [40 CFR 60.43c(e)]
Which Months: All Year Statistical Basis: Six-minute average
- 76 Conduct an initial performance test as required under 40 CFR 60.8 and subsequent performance tests as required by DEQ to demonstrate compliance with the particulate matter standards following the procedures and reference methods specified in 40 CFR 60.45c(a)(1) through (a)(8). Subpart Dc. [40 CFR 60.45c(a)]
- 77 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]
- 78 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

SPECIFIC REQUIREMENTS

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant

Activity Number: PER20060003

Permit Number: 1720-00004-V4

Air - Title V Regular Permit Minor Mod

EQ1016 **052 - Production Booksaw Baghouse**

79 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

80 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

81 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

82 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

83 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

84 Particulate matter (10 microns or less) \geq 99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

EQ1017 **053 - Resin Storage Tank**

85 Shall use resins with less than 0.1 wt% of free formaldehyde and urea as a formaldehyde scavenger or use a combination of ultra low mole ratio resins as a formaldehyde scavenger. The permittee shall record and report the amount of resin used by the facility annually. This report shall include the weight percentages of formaldehyde for every formulation used. This report shall be submitted by March 31st of each year. Determined as MACT. [LAC 33:III.551, 40 CFR 63.43, LAC 33:III.5109]

EQ1018 **054 - Resin Storage Tank**

86 Shall use resins with less than 0.1 wt% of free formaldehyde and urea as a formaldehyde scavenger or use a combination of ultra low mole ratio resins as a formaldehyde scavenger. The permittee shall record and report the amount of resin used by the facility annually. This report shall include the weight percentages of formaldehyde for every formulation used. This report shall be submitted by March 31st of each year. Determined as MACT. [LAC 33:III.551, 40 CFR 63.43, LAC 33:III.5109]

EQ1019 **055 - Resin Storage Tank**

87 Shall use resins with less than 0.1 wt% of free formaldehyde and urea as a formaldehyde scavenger or use a combination of ultra low mole ratio resins as a formaldehyde scavenger. The permittee shall record and report the amount of resin used by the facility annually. This report shall include the weight percentages of formaldehyde for every formulation used. This report shall be submitted by March 31st of each year. Determined as MACT. [LAC 33:III.551, 40 CFR 63.43, LAC 33:III.5109]

EQ1020 **056 - Resin Storage Tank**

88 Shall use resins with less than 0.1 wt% of free formaldehyde and urea as a formaldehyde scavenger or use a combination of ultra low mole ratio resins as a formaldehyde scavenger. The permittee shall record and report the amount of resin used by the facility annually. This report shall include the weight percentages of formaldehyde for every formulation used. This report shall be submitted by March 31st of each year. Determined as MACT. [LAC 33:III.551, 40 CFR 63.43, LAC 33:III.5109]

EQ1021 **059 - Scavenger Storage Tank**

SPECIFIC REQUIREMENTS

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant

Activity Number: PER20060003

Permit Number: 1720-00004-V4

Air - Title V Regular Permit Minor Mod

EQT021 059 - Scavenger Storage Tank

89 MACT is not required for ammonia (Class III TAP). [LAC 33:III.5109]

EQT022 060 - Catalyst Storage Tank

90 MACT is not required for ammonia (Class III TAP). [LAC 33:III.5109]

EQT023 063 - Regenerative Catalytic/Thermal Oxidizer No. 2

91 Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

92 Total suspended particulate \leq 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

93 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

94 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. The thermal oxidizers are determined as MACT for TAP emissions from the dryers, steam vessel, press, and the board cooler. [LAC 33:III.5109, 40 CFR 63.43, LAC 33:III.551]

95 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

96 Temperature monitored by parametric monitoring system at the approved frequency. [40 CFR 64.6(c)(1)]

Which Months: All Year Statistical Basis: None specified

97 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

98 An excursion or exceedance is defined as a 3-hour block average combustion temperature less than 804 degrees Fahrenheit. Every 15 minutes the temperature is recorded. The 15-minute recordings are averaged every 3 hours. Each 3-hour block average is compared to the compliance parameter threshold. The 3-hour block average must contain at least 75% of the required recorded readings that are based on valid data. [40 CFR 64.6(c)(2)]

99 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]

100 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

101 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

SPECIFIC REQUIREMENTS**AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant****Activity Number: PER20060003****Permit Number: 1720-00004-V4****Air - Title V Regular Permit Minor Mod****EQT023 063 - Regenerative Catalytic/Thermal Oxidizer No. 2**

- 102 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
- 103 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the permit limits which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
- 104 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
- 105 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(i). [40 CFR 64.9(b)(1)]
- 106 Pressure drop recordkeeping by electronic or hard copy hourly and averaged every 24-hour period. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 107 Temperature recordkeeping by electronic or hard copy at the approved frequency. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
- 108 Pressure drop recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

EQT024 064 - Board Trim Baghouse

- 109 Opacity <= 20 percent, except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C] Which Months: All Year Statistical Basis: Six-minute average
- 110 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified
- 111 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 112 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: None specified
- 113 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant

Activity Number: PER20060003

Permit Number: 1720-00004-V4

Air - Title V Regular Permit Minor Mod

EQT024 064 - Board Trim Baghouse

114 Particulate matter (10 microns or less) \geq 99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: None specified

EQT025 065 - Face Accepts Baghouse

115 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
 Which Months: All Year Statistical Basis: Six-minute average

116 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: None specified

117 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

118 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: None specified

119 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

120 Particulate matter (10 microns or less) \geq 99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: None specified

EQT026 066 - Face Overs Baghouse

121 Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
 Which Months: All Year Statistical Basis: Six-minute average

122 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: None specified

123 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

124 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: None specified

125 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

126 Particulate matter (10 microns or less) \geq 99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant

Activity Number: PER20060003

Permit Number: 1720-00004-V4

Air - Title V Regular Permit Minor Mod

EQT027 067 - Trim Saws (Press Outfeed) Baghouse

127 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

128 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

129 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

130 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

131 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

132 Particulate matter (10 microns or less) >= 99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

EQT028 068 - Face Dry Bin Baghouse

133 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

134 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

135 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

136 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

137 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

138 Particulate matter (10 microns or less) >= 99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

EQT029 069 - Package Boiler

SPECIFIC REQUIREMENTS**AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant****Activity Number: PER20060003****Permit Number: 1720-00004-V4****Air - Title V Regular Permit Minor Mod****EQT029 069 - Package Boiler**

139 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

140 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

141 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

142 Opacity <= 20 percent except for one 6-minute period per hour of not more than 27% opacity. Comply with this limitation at all times, excluding periods of startup, shutdown, and malfunction. Subpart Dc. [40 CFR 60.43c(c)]

Which Months: All Year Statistical Basis: Six-minute average

143 Conduct an initial performance test as required under 40 CFR 60.8 and subsequent performance tests as required by DEQ to demonstrate compliance with the particulate matter standards following the procedures and reference methods specified in 40 CFR 60.45c(a)(1) through (a)(8). Subpart Dc. [40 CFR 60.45c(a)]

144 Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction, anticipated startup, and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]

145 Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]

EQT031 071 - Thermal Oil Heating Unit for Small Laminate Press

146 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

147 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

EQT032 072 - Thermal Oil Heating Unit for Large Laminate Press

148 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

149 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

EQT033 073 - Small Melamine Laminate Press

150 Submit to DEQ a compliance plan for achieving compliance with MACT requirements in accordance with LAC 33:III.5109.D. Include the elements listed under LAC 33:III.5109.E. MACT is the use of a laminate material with HAPs content with <0.1 wt% for carcinogens and/or <1 wt% for non-carcinogens. [LAC 33:III.5109.A.1]

SPECIFIC REQUIREMENTS

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant

Activity Number: PER20060003

Permit Number: 1720-00004-V4

Air - Title V Regular Permit Minor Mod

EQ1033 073- Small Melamine Laminate Press

- 151 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is the use of a laminate material with HAPs content with <0.1 wt% for carcinogens and/or <1 wt% for non-carcinogens. [LAC 33:III.5109.A]
- 152 Monitor to ensure the control device is operated and maintained in conformance with its design, as specified in Subsection N.5 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]
- 153 Keep records of the information specified in Subsections Q.1 through Q.13 as applicable, as specified in Section Q of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Equipment/operational data recordkeeping by electronic or hard copy continuously. [LAC 33:III.5109.A]

EQ1034 074- Large Melamine Laminate Press

- 154 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. MACT is the use of a laminate material with HAPs content with <0.1 wt% for carcinogens and/or <1 wt% for non-carcinogens. [LAC 33:III.5109.A]
- 155 Keep records of the information specified in Subsections Q.1 through Q.13 as applicable, as specified in Section Q of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Equipment/operational data recordkeeping by electronic or hard copy continuously. [LAC 33:III.5109.A]
- 156 Monitor to ensure the control device is operated and maintained in conformance with its design, as specified in Subsection N.5 of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). [LAC 33:III.5109.A]
- 157 Keep records of the information specified in Subsections Q.1 through Q.13 as applicable, as specified in Section Q of the Louisiana MACT Determination for Non-HON Equipment Leaks (March 30, 1995). Equipment/operational data recordkeeping by electronic or hard copy continuously. [LAC 33:III.5109.A]

EQ1035 075- Paper-Clippings Baghouse

- 158 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7. [LAC 33:III.1305]
- 159 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
- Which Months: All Year Statistical Basis: Six-minute average
- 160 Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: None specified
- 161 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 162 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: None specified
- 163 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 164 Particulate matter (10 microns or less) >= 99.9 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: None specified

FUG001 061- M&D Area Fugitive Emissions

SPECIFIC REQUIREMENTS

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant

Activity Number: PER20060003

Permit Number: 1720-00004-V4

Air - Title V Regular Permit Minor Mod

FUG001 **061- M&D Area Fugitive Emissions**

165 Shall use resins with less than 0.1 wt% of free formaldehyde and urea as a formaldehyde scavenger or use a combination of ultra low mole ratio resins as a formaldehyde scavenger. The permittee shall record and report the amount of resin used by the facility annually. This report shall include the weight percentages of formaldehyde for every formulation used. This report shall be submitted by March 31st of each year. Determined as MACT. [LAC 33:III.5109, 40 CFR 63.43, LAC 33:III.551]

FUG002 **062 - Former/Blending Area Fugitive Emissions**

166 Shall use resins with less than 0.1 wt% of free formaldehyde and urea as a formaldehyde scavenger or use a combination of ultra low mole ratio resins as a formaldehyde scavenger. The permittee shall record and report the amount of resin used by the facility annually. This report shall include the weight percentages of formaldehyde for every formulation used. This report shall be submitted by March 31st of each year. Determined as MACT. [LAC 33:III.5109, LAC 33:III.551, 40 CFR 63.43]

FUG003 **070 - Miscellaneous Particulate Fugitive Emissions**

167 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]

GRP003 **Permitted Total**

- 168 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1103]
- 169 Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5. [LAC 33:III.2113.A]
- 170 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance. [LAC 33:III.219]
- 171 Methanol <= 3.64 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 172 Phenol <= 2.87 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 173 Lead compounds <= 0.002 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 174 Ammonia <= 0.30 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 175 Acetaldehyde <= 0.21 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 176 Acrolein <= 0.09 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 177 Benzene <= 0.05 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 178 Particulate matter (10 microns or less) <= 176.99 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum

SPECIFIC REQUIREMENTS

AJ ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant

Activity Number: PER20060003

Permit Number: 1720-00004-V4

Air - Title V Regular Permit Minor Mod

GRP003 Permitted Total

- 179 Sulfur dioxide \leq 0.32 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 180 Nitrogen oxides \leq 140.31 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 181 Carbon monoxide \leq 135.93 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 182 VOC, Total \leq 191.67 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 183 Formaldehyde \leq 12.29 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 184 Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard. [LAC 33:III.5105.A.1]
- 185 Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51.2, unless operating in accordance with LAC 33:III.5109. [LAC 33:III.5105.A.2]
- 186 Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard. [LAC 33:III.5105.A.3]
- 187 Do not fail to keep records, notify, report or revise reports as required under LAC 33:III.Chapter 51.Subchapter A. [LAC 33:III.5105.A.4]
- 188 Submit initial annual emissions report (TEDJ) to DEQ within 180 days of December 20, 1991. Identify the quantity of emissions of toxic air pollutants listed in Table 51.1 for the calendar year 1991. [LAC 33:III.5107.A.1]
- 189 Submit Annual Emissions Report (TEDJ): Due annually, by the 1st of July, to the Office of Environmental Assessment, Environmental Evaluation Division in a form specified by the department. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3. [LAC 33:III.5107.A.2]
- 190 Include a certification statement with initial and subsequent annual emission reports and revisions to any emission report to attest that the information contained in the emission report is true, accurate, and complete, and signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official. The certification statement shall read: "I certify, under penalty of perjury, that the emissions data provided is accurate to the best of my knowledge, information, and belief, and I understand that submitting false or misleading information will expose me to prosecution under state regulations" [LAC 33:III.5107.A.3]
- 191 Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but no later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere which results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property). [LAC 33:III.5107.B.1]
- 192 Submit notification: Due to the Office of Environmental Compliance, except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.Chapter 51.Table 51.1 or a reportable quantity (RQ) in LAC 33:I.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:I.3923. [LAC 33:III.5107.B.2]
- 193 Submit notification: Due to the Office of Environmental Compliance immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:I.3931, except as provided in LAC 33:III.5107.B.6. Submit notification in the manner provided in LAC 33:I.3923. [LAC 33:III.5107.B.3]

SPECIFIC REQUIREMENTS**AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant****Activity Number: PER20060003****Permit Number: 1720-00004-V4****Air - Title V Regular Permit Minor Mod****GRP003** **Permitted Total**

- 194 Submit written report: Due within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through 3. Submit report to the Office of Environmental Compliance by certified mail. Include the information specified in LAC 33:III.5107.B.4.a.1 through viii. [LAC 33:III.5107.B.4]
- 195 Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, in the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge. [LAC 33:III.5107.B.5]
- 196 Submit to DEQ a compliance plan for achieving compliance with MACT requirements in accordance with LAC 33:III.5109.D. Include the elements listed under LAC 33:III.5109.E. [LAC 33:III.5109.A.1]
- 197 Submit to DEQ a certification of compliance with all MACT requirements, in accordance with LAC 33:III.5109.D. Include the elements listed in LAC 33:III.5109.E. [LAC 33:III.5109.A.2]
- 198 Submit to DEQ a compliance plan for achieving compliance with the ambient air standard(s), in accordance with LAC 33:III.5109.D. Include the elements listed under LAC 33:III.5109.E. [LAC 33:III.5109.B.1]
- 199 Submit to DEQ a certification of compliance with all ambient air standards, in accordance with LAC 33:III.5109.D. Include the elements listed under LAC 33:III.5109.E. [LAC 33:III.5109.B.2]
- 200 Achieve compliance with ambient air standards unless it can be demonstrated to the satisfaction of DEQ that compliance with an ambient air standard would be economically infeasible; that emissions could not reasonably be expected to pose a threat to public health or the environment; and that emissions would be controlled to a level that is Maximum Achievable Control Technology. [LAC 33:III.5109.B.3]
- 201 Determine the status of compliance, beyond the property line, with applicable ambient air standards listed in LAC 33:III.5112. Table 51.2. [LAC 33:III.5109.B]
- 202 Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III.5109.C. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by the department. [LAC 33:III.5109.C]
- 203 Maintain records of manufacturer's MSDS for demonstrating compliance with the free formaldehyde concentration of less than 0.1 wt%. [LAC 33:III.5109, 40 CFR 63.43]
- 204 Obtain a Louisiana Air Permit in accordance with LAC 33:III.5111.B and C and in accordance with LAC 33:III.1701, before commencement of the construction of any new source. [LAC 33:III.5111.A.1]
- 205 Obtain a permit modification in accordance with LAC 33:III.5111.B and C before commencement of any modification not specified in a compliance plan submitted under LAC 33:III.5109.D, if the modification will result in an increase in emissions of any toxic air pollutant or will create a new point source. [LAC 33:III.5111.A.2.a]
- 206 Do not commence construction or modification of any major source without first obtaining written authorization from DEQ, as specified. [LAC 33:III.5111.A]
- 207 Submit notification in writing: Due to the Office of Environmental Compliance, Surveillance Division not more than 60 days nor less than 30 days prior to initial start-up. Submit the anticipated date of the initial start-up. [LAC 33:III.5113.A.1]
- 208 Submit notification in writing: Due to the Office of Environmental Compliance, Surveillance Division within 10 working days after the actual date of initial start-up of the source. Submit the actual date of initial start-up of the source. [LAC 33:III.5113.A.2]
- 209 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]
- 210 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]
- 211 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]
- 212 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]
- 213 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

SPECIFIC REQUIREMENTS

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant

Activity Number: PER20060003

Permit Number: 1720-00004-V4

Air - Title V Regular Permit Minor Mod

GRP003 Permitted Total

- 214 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]
- 215 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]
- 216 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]
- 217 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]
- 218 Submit performance evaluation report: Due to the Office of Environmental Assessment, Environmental Technology Division within 60 days of the monitoring system performance evaluation. [LAC 33:III.5113.C.2]
- 219 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before a performance evaluation of the monitoring system is to begin. [LAC 33:III.5113.C.2]
- 220 Install a monitoring system on each effluent or on the combined effluent, when monitoring is required and the effluents from a single source, or from two or more sources subject to the same emission standards, are combined before being released to the atmosphere. If two or more sources are not subject to the same emission standards, install a separate monitoring system on each effluent, unless otherwise specified. If the applicable standard is a mass emission standard and the effluent from one source is released to the atmosphere through more than one point, install a monitoring system at each emission point unless DEQ approves the installation of fewer systems. [LAC 33:III.5113.C.3]
- 221 Evaluate the performance of continuous monitoring systems, upon request by DEQ, in accordance with the requirements and procedures contained in the applicable performance specification of 40 CFR Part 60, appendix B. [LAC 33:III.5113.C.5.a]
- 222 Submit report: Due to DEQ within 60 days of the performance evaluation of the CMS, if requested. Furnish DEQ with two or more copies of a written report of the test results within 60 days. [LAC 33:III.5113.C.5.a]
- 223 Install all continuous monitoring systems or monitoring devices to make representative measurements under variable process or operating parameters, if required to install a CMS. [LAC 33:III.5113.C.5.d]
- 224 Collect and reduce all data as specified in LAC 33:III.5113.C.5.e.i and ii, if required to install a CMS. [LAC 33:III.5113.C.5.e]
- 225 Submit plan: Due to the Office of Environmental Assessment, Environmental Technology Division within 90 days after DEQ requests either the initial plan or an updated plan, if required by DEQ to install a continuous monitoring system. Submit for approval a plan describing the affected sources and the methods for ensuring compliance with the continuous monitoring system. [LAC 33:III.5113.C.5]
- 226 Maintain records of monitoring data, monitoring system calibration checks, and the occurrence and duration of any period during which the monitoring system is malfunctioning or inoperative. Maintain these records at the source, or at an alternative location approved by DEQ, for a minimum of three years and make available, upon request, for inspection by DEQ. [LAC 33:III.5113.C.7]
- 227 An individual or company contracted to perform a demolition or renovation activity which disturbs RACM must be recognized by the Licensing Board for Contractors to perform asbestos abatement, and shall meet the requirements of LAC 33:III.511.F.2 and F.3 for each demolition or renovation activity. [LAC 33:III.511.F.1.f]
- 228 Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority. [LAC 33:III.5611.A]
- 229 During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations. [LAC 33:III.5611.B]
- 230 Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Environmental Evaluation Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D. [LAC 33:III.919.D]

SPECIFIC REQUIREMENTS

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant

Activity Number: PER20060003

Permit Number: 1720-00004-V4

Air - Title V Regular Permit Minor Mod

GRP003 Permitted Total

- 231 All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A. [40 CFR 60]
- 232 Provide DEQ with written notice of intention to demolish or renovate prior to performing activities to which 40 CFR 61 Subpart M applies. Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. [40 CFR 61.145(b)(1)]
- 233 Do not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either molded and friable or wet-applied and friable after drying. Subpart M. [40 CFR 61.148]
- 234 Permittee shall comply with all applicable provisions in 40 CFR 63 Subpart DDDD by October 1, 2007. [40 CFR 63.2230-2292]
- 235 Operate and maintain the affected source, including all air pollution control and monitoring equipment used for purposes of complying with 40 CFR 63 Subpart QQQQ, according to the provisions in 40 CFR 63.6(e)(1)(i). Subpart QQQQ. [40 CFR 63.4700(b)]
- 236 Submit the notifications in 40 CFR 63.7(b) and (c), 63.8(f)(4), and 63.9(b) through (e) and (h), as applicable, by the dates specified in those sections, except as provided in 40 CFR 63.4710(b) and (c). Subpart QQQQ. [40 CFR 63.4710(a)]
- 237 Submit Notification of Compliance Status: Due no later than 30 calendar days following the end of the initial compliance period described in 40 CFR 63.4740, 40 CFR 63.4750, or 40 CFR 63.4760, as required by 40 CFR 63.9(h). Include the information specified in 40 CFR 63.4710(c)(1) through (c)(9) and in 40 CFR 63.9(h). Subpart QQQQ. [40 CFR 63.4710(c)]
- 238 Submit compliance status report: Due semiannually, by the 31st of January and July. Include the information specified in 40 CFR 63.4720(a)(3) through (a)(7) and (c)(1), as applicable. Subpart QQQQ. [40 CFR 63.4720(a)(1)]
- 239 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the information specified in 40 CFR 63.4730(a) through (k), as applicable. Subpart QQQQ. [40 CFR 63.4730(a)]
- 240 Keep records in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). Keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record, as specified in 40 CFR 63.10(b)(1). Keep each record on-site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1). Records may be kept off-site for the remaining 3 years. Subpart QQQQ. [40 CFR 63.4731]
- 241 Permittee shall comply with all applicable provisions in 40 CFR 63 Subpart DDDDD by September 13, 2007. [40 CFR 63.7480-7575]
- 242 All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 10 of 40 CFR 63 Subparts DDDDD and DDDDD. [40 CFR 63]
- 243 Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 244 Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 245 Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [40 CFR 70.6(a)(3)(iii)(B)]
- 246 Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]

GRP004 Thermal Oil Heating CAP

- 247 heat input monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 43959 - Flakeboard America Limited - Louisiana Particleboard Plant

Activity Number: PER20060003

Permit Number: 1720-00004-V4

Air - Title V Regular Permit Minor Mod

GRP004 Thermal Oil Heating CAP

248 heat input recordkeeping by electronic or hard copy monthly. Keep records of the total heat input each month, as well as the total heat input for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

249 heat input Submit report: Due annually, by the 31st of March. Report the heat input for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

250 heat input \leq 3.42 MM BTU/hr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the production rate exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

GRP005 Press CAP

251 Production rate \leq 174.72 MM sq ft/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the production rate exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

252 Production rate monitored by technically sound method continuously. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

253 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total pressed laminate each month, as well as the total pressed laminate for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

254 Production rate Submit report: Due annually, by the 31st of March. Report the pressed laminate for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]



PPM CONSULTANTS, INC.

2508 TICHELI ROAD · MONROE, LA 71202 · 318.323.7270 · fax 318.323.6593

COPY

October 6, 2006

Dr. Chuck Carr Brown
Office of Environmental Services
Louisiana Department of Environmental Quality
Office of Air Quality
602 N. Fifth Street
Baton Rouge, LA 70802

original to IOA
sm
copy to MEG/GI/Heckaway
AUG

**RE: Minor Air Permit Modification Application
for Flakeboard America Limited
Louisiana Particleboard Division
✓ Agency Interest No. 43959
Air Permit 1720-00004-V3**

RECEIVED

OCT 09 2006

DEPT. OF ENVIRONMENTAL QUALITY
OFFICE OF ENVIRONMENTAL SERVICES
PERMIT DIVISION

Dear Dr. Brown:

On behalf of Flakeboard America Limited (Flakeboard), PPM Consultants, Inc., is submitting an original and two copies of the enclosed Application for Approval of Emissions of Air Pollutants for the above referenced facility. Flakeboard owns and operates a particleboard plant in Simsboro, LA, known as the Louisiana Particleboard plant (LPB), which currently operates under Title V Permit 1720-00004-V3. This application addresses a proposed plant modification, which includes constructing and operating two melamine laminate presses, two thermal oil heating units (used to heat the presses) and a baghouse to control the particulate (paper-clippings) generated when trimming the finished laminate product. LPB is proposing to install the laminate press lines within the available space located at the existing facility. The proposed laminate press production is 174.72 MMSF/yr, surface footage basis. No other changes are being proposed within the application.

A groundwater certification review has also been submitted to the appropriate division of LDEQ to address subsurface foundation activities associated with the proposed project. As required, the groundwater review summarizes the significance of project as well as the proposed foundation plans that will be used to position the proposed process equipment.

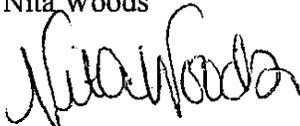
In addition, a check in the amount of \$1,513.00 has also been attached for the review fee associated with the permit modification application.

Should you have any questions regarding this matter, please contact Mr. Larry Yeagle at 318-247-3110 or me at 318-323-7270.

Page 2 of 2
Flakeboard America Limited
Minor Air Permit Modification Application

Sincerely,

Nita Woods

A handwritten signature in black ink, appearing to read "Nita Woods". The signature is written in a cursive, flowing style.

Project Manager - Industrial
PPM CONSULTANTS, INC.

Attachments: As stated

xc: Flakeboard America Limited – Rich Weber
Flakeboard America Limited – Martin Elshout
Flakeboard America Limited – Larry Yeagle
EPA - Region VI
PPM File